

GENERAL NOTES LOAD AND RESISTANCE FACTOR DESIGN

DESIGN:
AASHTO LRFD Bridge Design Specifications,
8th edition 2017 with California Amendments,
Preface dated April 2019.
TMS 402-16.
2019 California Building Code.

DESIGN SEISMIC LOAD:
2.0 Dead load

DESIGN WIND LOAD:
40.7 psf

DESIGN IMPACT LOAD:
TL-4

REINFORCED CONCRETE:
 $f'_c = 3600$ psi
 $f'_y = 60$ ksi
 $f'_m = 2500$ psi for high-strength block *

* Provide materials to achieve the net compressive strength of concrete masonry unit equal to or greater than specified f'_m .

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

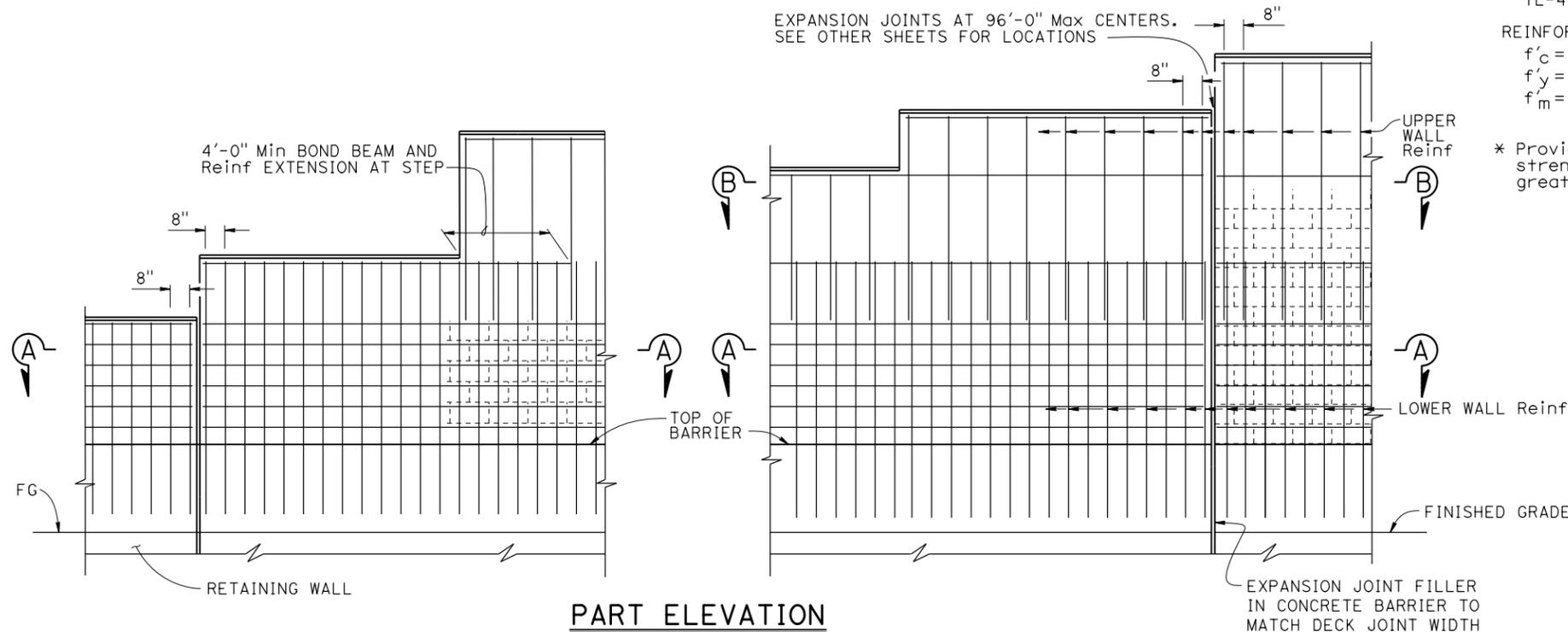
REGISTERED CIVIL ENGINEER X
DATE _____

PLANS APPROVAL DATE _____

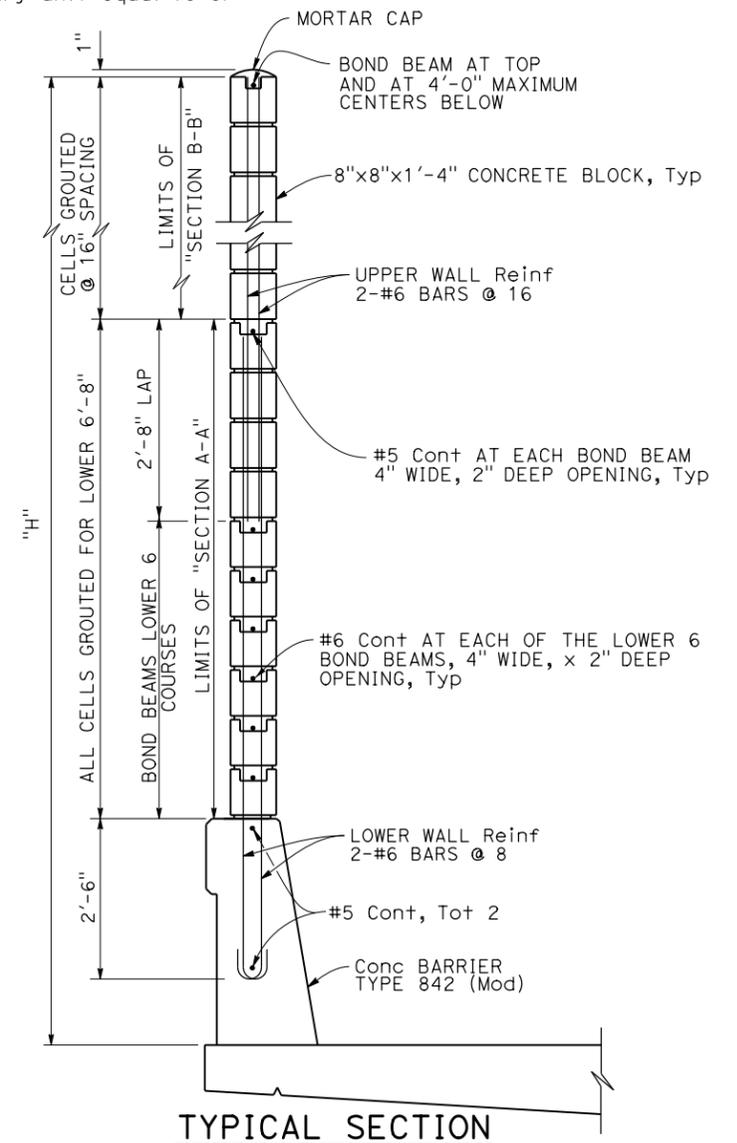
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THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.

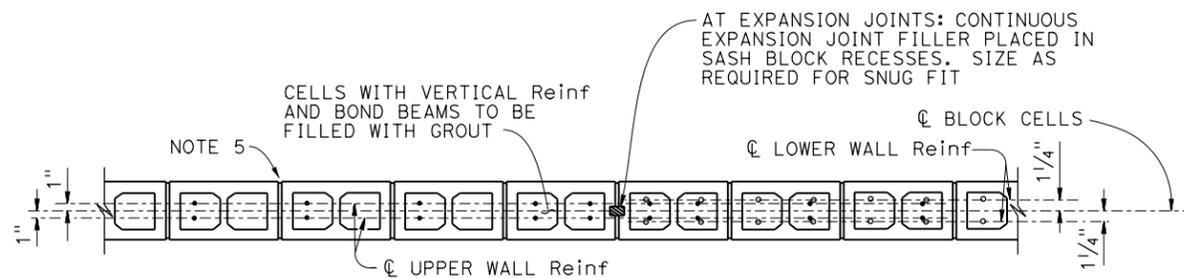
EXPANSION JOINTS AT 96'-0" Max CENTERS.
SEE OTHER SHEETS FOR LOCATIONS



PART ELEVATION



TYPICAL SECTION



SECTION B-B

SECTION A-A

Note: See Project Plans for location of expansion joints.

NOTES:

1. Slope ground at traffic side of barrier to drain. Maximum slope $\pm 10\%$.
2. See Standard Plan B15-9, for other details.
3. For type of block and joint finish, see other sheets.
4. When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2-9 gauge wire continuous at 4'-0" maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.
5. Horizontal joints shall be tooled concave or weathered. Vertical joints shall be tooled concave or raked.
6. Minimum wall height shall be $H=9'-6"$. Maximum wall height shall be $H=16'-2"$.
7. All concrete masonry block are high-strength blocks.

NO SCALE

BRIDGE STANDARD DETAILS			STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE No. XX-XXXX	X	
xs15-140-1 <small>FILE NO.</small>	January 2024 <small>APPROVAL DATE</small>	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California.	DEPARTMENT OF TRANSPORTATION	CONTRACT No.: XX-XXXXX	POST MILE X.X	SOUND WALL MASONRY BLOCK ON BRIDGE DETAILS No. 1	
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html		DATE PLOTTED => 27-DEC-2023 FILE => 20231227_xs15-140-1.dgn	TIME PLOTTED => 10:29 USERNAME => s155182	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT: XXXX PROJECT NUMBER & PHASE: XXXXXXXXXX1	COUNTY/ROUTE: XXX/XXX CONTRACT No.: XX-XXXXX	
DISREGARD PRINTS BEARING EARLIER REVISION DATES						REVISION DATES	SHEET OF X X